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Hull & Goole Port Health Authority

ANNUAL REPORT

OF THE

Port Medical Officer



ALEXANDER HUTCHISON,

M.D., Ph.D., D.P.H., F.R.F.P.S.G., D.P.A.

Port Medical Officer

Hull & Goole Port Health Authority

ANNUAL REPORT

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FOR

1961

ALEXANDER HUTCHISON,

M.D., Ph.D., D.P.H., F.R.F.P.S.G., D.P.A.

Port Medical Officer



9 PIER STREET,
HULL.
May, 1962.

*To the Chairman and Members of the
Hull and Goole Port Health Authority.*

GENTLEMEN,

I have the honour to submit the Report of the Port Medical Officer of Health of the Hull and Goole Port Health Authority for the year ended 31st December, 1961.

The report has been prepared in accordance with the instructions given in Form Port 20 from the Ministry of Health.

The number of vessels inspected by the Inspectorial staff showed an increase over the previous year.

During the year 637 Deratting and Deratting Exemption Certificates were issued which compares favourably with the figure for 1961.

The number of rats destroyed annually by the approved methods remains fairly constant, with the exception that in 1961 the figure was higher largely by reason of the heavy infestation of one vessel. The Master was in possession of a valid Deratting Exemption Certificate and during the vessel's stay in Hull 111 rats were trapped. The circumstances were reported to the Ministry of Health and full details are given in the body of the report.

The Chief Docks Manager at Hull has stated that during last year the first important section of the new development scheme at King George Dock was completed and two new transit sheds, first of the six in the present programme, were in operation.

The past year also saw the completion of the new No. 3. Jetty at Saltend, the principal part of a £1,380,000 scheme for the modernisation and improvement of the Port of Hull's Oil Depot.

In 1961, for the first time, five weekly services in each direction have been operated between the Riverside Quay and Rotterdam, during the summer months.

The Docks Manager at Goole states that considerable attention has been given to the improvement and resurfacing or relaying of dock quays and transit shed floors and that an extension to Shed No. 22 (the largest in the dock area) is nearing completion. Mooring facilities have been improved and improved access to quays for mechanical appliances has been provided in various localities.

Smoke observations under the Clean Air Act, 1956, were carried out on 188 vessels during the year. In some instances smoke emission exceeded the prescribed limits but when investigated proved to be due to mechanical defects. Legal proceedings were instituted in one case which were not successful and the case was dismissed.

I am grateful to H.M. Collector of Customs and Excise and Staff, the Superintendent of H.M. Customs Waterguard and his Officers, H.M. Inspector (Home Office, Aliens branch) and his staff, the Pilots, Dock Master, Owners, Agents, Masters of vessels and others for the assistance they have given me during the year. I am also grateful to the British Transport Commission at Hull and Goole for supplying information regarding the trade of the respective ports.

Appreciation of the work of the staff remains as high as ever. They have worked untiringly to ensure that the Department runs efficiently and smoothly and in this they have attained a unique standard of success.

I would also like to thank the Chairman and the members of the Port Health Authority for the keen and lively interest they have taken in all aspects of Port Health work and whose courtesy and kindness to me on all occasions is much appreciated.

I am,

Your obedient Servant,

ALEXANDER HUTCHISON,

Port Medical Officer

HULL AND GOOLE PORT HEALTH AUTHORITY

Constituted by an Order of the Local Government Board, dated 11th June, 1887

Members elected by the Corporation of Kingston upon Hull

COUNCILLOR W. HOBDEN (*Chairman*)

COUNCILLOR G. WINTERS

COUNCILLOR J. W. SMITH, J.P.

Members elected by the Goole Borough Council

COUNCILLOR C. R. INGLEBY (*Deputy Chairman*)

COUNCILLOR R. PLEWES

STAFF—TABLE A

The undermentioned staff changes have taken place during the year :

Name of Officer and Qualifications	Nature of Appointment	Date of Appointment to Staff	Any other Appointments held
Sir C. H. Pollard M.B.E., F.S.A.A., F.I.M.T.A., F.S.S.	Treasurer	from 9th Oct., 1929, to 7th Dec., 1961	City Treasurer Corporation of Kingston upon Hull
G. E. Atkinson, F.I.M.T.A.	Treasurer	from 8th Dec., 1961	City Treasurer Corporation of Kingston upon Hull
M. M. Bell, B.A., M.B., B.CH., B.A.O., D.C.H., D.P.H.	Medical Officer and Medical Inspector of Aliens	from 11th Sept., 1961	Senior Medical Officer Corporation of Kingston upon Hull
F. C. Garry, M.B., B.CH., D.P.H.	Medical Officer and Medical Inspector of Aliens	from 11th Sept., 1961	Asst. Medical Officer Corporation of Kingston upon Hull
J. Briffa-Booth- man, M.D., (Malta)	Medical Officer and Medical Inspector of Aliens	from 11th Sept., 1961	Asst. Medical Officer Corporation of Kingston upon Hull
*D. Harwood	Asst. Food Inspector at Hull	from 25th Mar., 1960, to 6th April, 1961	Asst. Food Inspector Corporation of Kingston upon Hull
*D. Glansford	Asst. Food Inspector at Hull	from 19th Oct., 1961	Asst. Food Inspector Corporation of Kingston upon Hull

* Holds the statutory qualification as a Public Health Inspector and is also qualified as an Inspector of Meat and Other Foods.



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Contents

	PAGE
Alien passengers arriving at Port of Hull	13, 28-29
Analyst's Report	19, 40-42
Bacteriologist's Report	19, 25, 42
Canal Boats	16-17
Clean Air Act, 1956	30
Dangerous Drugs Regulations, 1953	30
Defects of Original Construction	27, 49
Defects arising from structural alterations	27, 52
Destruction of rats	23-26
Dirt, vermin and other conditions prejudicial to health	27, 51-52
Exports	14-15
Food and Drugs Act, 1955	39-42
Food and Meat Inspections (Hull)	31-35
do. do. (Goole)	36-39
Fumigation for rat destruction	25-26
Goole, vessels inspected at	12, 43
Health, certificates of	30
Hospitals, admissions to	47
Hull, vessels inspected at	12, 43-46
Imports	14-15
Infectious Diseases	21-22
Influenza	21, 48

	PAGE
Jurisdiction of Port	11
Malaria	21, 24, 48
Nationalities of vessels inspected	44
Number and Tonnage of vessels arriving at Ports of Hull and Goole	12
Passenger Traffic	13
Plague, precautions against	24
Prevention of Damage by Pests Act, 1949	23
Public Health (Imported Food) Regulations, 1937 and 1948	31-35, 36-39
Do. (Preservatives, etc. in Food) Regulations, 1925 to 1958	39-42
Do. (Shell Fish) Regulations, 1934 and 1948	35
Pulmonary Tuberculosis	21, 47-48
Rodents, measures against	24-26
Shipping, amount of	11-12
Smallpox	19-20
Sodium Fluoroacetate	25-26
Structural defects through wear and tear	27, 50
Trade, character of	14, 15
Venereal Disease	20
Water supply, source for the district	18
do. source for shipping	18
Water, examinations of (chemical)	18
do. do. (bacteriological)	18
Water boats	19

Index to Tables

	PAGE
A. Staff	7
B. Amount of shipping entering the district during the year	12
C. Character of Shipping and Trade during the year	13-15
D. Cases of notifiable and other infectious diseases on ships	21
E. Rodents destroyed during the year	23
F. Deratting Certificates and Deratting Exemption Certificates issued during the year for ships from foreign ports	26
G. Inspections and Notices	27

INDEX TO APPENDICES

1. Summary of vessels inspected	43-44
2. Medical inspection of vessels	45-46
3. Total number of admissions into hospitals	47
4. Vessels reported on their arrival as having, or having had, infectious disease on board	48
5. Classification of Nuisances (detailed)	49-52
(a) Defects of original construction	49
(b) Structural defects through wear and tear	50
(c) Dirt, vermin and other conditions prejudicial to health	51-52
(d) Defects arising from structural alterations	52

REPORT

JURISDICTION OF PORT

There has been no alteration in the definition of the limits of jurisdiction of the Port Health Authority.

AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR

During 1961, 9,363 vessels entered the Ports of Hull and Goole with a total net tonnage of 6,985,309 as against 9,501 vessels with a total net tonnage of 7,381,378 in 1960.

In the year under review 320 ships were dealt with on arrival by the Medical Officers of the Authority ; this shows an increase of 13 when compared with the figure for 1960.

The Port Health Inspectors visited 6,725 vessels on 298 of which sanitary defects were discovered, on 83 of these vessels the defects were remedied. In 1960 the figures were respectively 6,127, 337 and 115. Details of this work will be found in Table G, page 27, and in Appendix 1, pages 43-44, and Appendix 5, pages 49-52

TABLE B

HULL

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having, or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports :					
Steamers and motor vessels	3,885	4,396,202	199	3,302	15
Fishing vessels	2,092	496,994	1	1,630	—
Total	5,977	4,893,196	200	4,932	15
Coastwise Ports :					
Steamers and motor vessels	973	1,138,937	1	439	—
Fishing vessels	104	4,487	—	—	—
Total	1,077	1,143,424	1	439	—
Total from Foreign and Coastwise Ports	7,054	6,036,620	201	5,371	15

GOOLE

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having, or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports :					
Steamers and motor vessels	1,074	361,378	1	801	—
Coastwise Ports :					
Steamers and motor vessels	1,235	587,311	—	553	—
Total from Foreign and Coastwise Ports	2,309	948,689	1	1,354	—
Total from Foreign and Coastwise Ports—Hull and Goole	9,363	6,985,309	202	6,725	15

CHARACTER OF SHIPPING AND TRADE DURING THE YEAR**TABLE C****PASSENGER TRAFFIC****HULL**

No. of Passengers	British	Aliens	Totals
Inwards	13,007	3,409	16,416
Outwards	13,029	3,157	16,186

Total Passengers, Inwards and Outwards 32,602

GOOLE

No. of Passengers	British	Aliens	Totals
Inwards	477	163	640
Outwards	620	208	828

Total Passengers, Inwards and Outwards 1,468

Figures for Table C were supplied by H.M. District Inspector (Home Office—Immigration Branch).

During the year 34,076 Alien and British passengers entered or departed from Ports of Hull and Goole as compared with 29,346 in 1960

The number of Aliens entering the district showed a decrease of 292 when compared with the figure for 1960.

British passengers outwards increased by 2,735 when compared with the figure for 1960.

CARGO TRAFFIC HULL

IMPORTS :—

Commodity	1961 Tons	1960 Tons
Building & Road-making Materials	80,732	75,847
Fish Landings	222,202	223,345
Fruit and Vegetables	128,943	116,307
Grain, Flour and Milling Offals	886,878	956,483
Food and Provisions	336,573	323,837
Molasses	112,764	119,510
Oilseeds and Nuts	225,455	291,706
Iron Ore (including Pyrites)	28,878	16,230
Other Ores	165,261	219,496
Iron and Steel goods (incl. Scrap)	63,250	103,273
Raw Wool	76,228	82,295
Pitwood and Mining Timber	87,214	79,058
Other Timber	640,816	690,725
Chemicals and Chemical Fertilisers	144,959	167,556
Other Commodities	601,129	603,665
Total	3,801,282	4,069,333
Petroleum	2,214,985	2,145,701
Totals	6,016,267	6,215,034

EXPORTS :—

Commodity	1960 Tons	1961 Tons
Building and Road-making Materials	47,877	42,750
Grain and Flour	18,330	13,607
Other Food and Provisions	16,899	20,625
Machinery	62,559	56,469
Vehicles and Vehicle Parts	62,008	63,025
Tinplate	—	119
Iron and Steel Manufactures	180,957	176,872
Textiles	3,366	3,050
Chemicals and Chemical Fertilisers	78,282	74,164
Other Commodities	221,980	226,221
Total	692,258	676,902
Petroleum	820,256	798,896
Coal, Coke and Patent Fuel	372,639	473,047
Totals	1,885,153	1,948,845

TOTAL IMPORTS AND EXPORTS	7,901,420	8,163,879
----------------------------------	------------------	------------------

The year 1961 showed considerable progress in certain fields of development and although cargo tonnage was slightly reduced compared with the previous year, the turn-round of vessels showed a marked improvement.

GOOLE**IMPORTS :—**

Commodity	1961 Tons	1960 Tons
Coal, Coke and Patent Fuel	16,662	21,620
Building and Road Making Materials	15,278	5,881
Fruit and Vegetables	1,040	1,119
Grain, Flour and Milling Offals	42,639	34,055
Food and Provisions	46,689	41,569
Other Ores	30,778	52,582
Petroleum	—	629
Iron and Steel Goods	21,674	60,696
Raw Wool	21,957	13,982
Other Timber	6,633	13,093
Chemicals and Chemical Fertilisers	102,238	83,088
Other Commodities	202,368	229,377
Total	507,956	557,691

EXPORTS :—

Commodity	1961 Tons	1960 Tons
Building and Road Making Materials exluding timber, including pitch	37,477	27,615
Grain and Flour	5,899	6,174
Machinery	21,037	13,391
Vehicles and Vehicle Parts	7,874	6,716
Iron and Steel	22,684	18,909
Petroleum	949	1,104
Textiles and Woollen goods	15,661	15,498
Chemicals and Chemical Fertilisers	6,176	7,547
Other Commodities	58,641	108,981
	176,398	205,935
Coal, Coke and Patent Fuel	1,457,606	1,665,636
Total	1,634,004	1,871,571
TOTAL IMPORTS AND EXPORTS	2,141,960	2,429,262

The greater proportion of the trade of the Port of Goole is coastal and near continental in character.

INLAND BARGE TRAFFIC

REPORT ON THE INSPECTION AND REGISTRATION OF CANAL BOATS

River and canal traffic is between Hull and Leeds, Bradford, Halifax, Castleford, Sheffield, Thorne, Doncaster, Selby, Brighouse, Barnsley, Wakefield, Goole, Selby, York, Newark, Nottingham and Gainsborough.

Number of inspections to Canal Boats	.....	509
Number of boats examined for the purpose of registration		4
Number of additional inspections made to ascertain if notices served and verbal cautions given had been com- plied with	.....	7
Total number of inspections	.....	<u>520</u>

The 509 inspections were made on 222 boats which are registered to accommodate 580 adult persons and 166 children, whilst 445 adults (443 males and 2 females) were found to be occupying them. There were no children on board.

Contraventions and Defective Conditions

Number of Canal Boats with contraventions	.....	77
Number of contraventions	.....	107
Number of contraventions remedied	.....	43

Registration Particulars

Total Number of Canal Boats on the Register on the 31st December, 1960	.....	2,053
Total Number of Canal Boats registered during the year 1961	.....	6
		<u>2,059</u>
Registrations cancelled during 1961	.....	4
Total	.....	<u>2,055</u>

Particulars of registrations during 1961 :—

Boats not previously registered	.....	3
Boats on which structural alterations had taken place		3
Boats previously registered with another authority	.....	—
Total registrations	.....	<u>6</u>
Copies of Certificates of Registration issued	.....	19

Registration Certificates endorsed in consequence of :—

(a) Change of ownership	.....	.....	.....	.....	11
(b) Change of address of owner	.....	.....	.....	.....	32
(c) Deletion of fore-cabin	.....	.....	.....	.....	2
					—
Total endorsements	.....	.....	.....	.....	45
					—

Infectious Diseases

No notifications were received from medical practitioners of any case of infectious disease having occurred on canal boats in the district during the year.

Legal Proceedings

It has not been necessary during the year to institute legal proceedings.

During the year six boats were registered, two of which were of new construction.

The accommodation was found to be of a high standard, in fact, far in excess of the legal requirements. Modern materials were used in fitting out the cabins which resemble, to a lesser degree, the accommodation found on up-to-date modern vessels.

The type of craft on the Authority's register are "wide" boats, *i.e.* not less than seven feet six inches beam. These boats play an important part in the distribution of merchandise within the Port Health District. There is also an extensive traffic in the conveyance of cargo from the Ports of Hull and Goole via the rivers and canals to many places inland.

In the main these boats are now self-propelled and manned by a crew of two or three men and a close watch is maintained by the officers of the Authority to see that the living quarters are kept up to the required standard.

These boats are also regularly inspected by the Rodent Searchers to ensure that they do not become rat-infested, thereby preventing rats being transported to inland towns by these vessels.

WATER SUPPLY

For the District

Under Article 14, Part III, of the International Sanitary Regulations, every port shall be provided with a supply of pure drinking water. At the Port of Hull drinking water is supplied by the Kingston upon Hull Corporation and at the Port of Goole by the Goole Borough.

For Shipping

Ships at Hull obtain their fresh water either direct from the hydrants on application to the dock authorities, or from privately owned water-boats. At Goole fresh water for shipping is supplied by water-boats.

Reports on Tests for Contamination

(a) CHEMICAL

Forty-four water samples obtained from water-boats and ships in Hull and Goole were examined by the Port Analyst with the following results :

Satisfactory	Unsatisfactory	Total
43	1	44

(b) BACTERIOLOGICAL

Fifty-five samples from water boats and ships were examined bacteriologically by the Director of the Public Health Laboratory Service. The results of the examinations were as follows :—

Excellent	Satisfactory	Unsatisfactory	Total
1	48	6	55

Where the water samples were considered to be unsatisfactory, instructions were issued for the water tanks to be cleansed, cement-washed and re-filled with fresh water from the district supply. These orders were complied with.

Precautions against Contamination of Hydrants and Hosepipes

Vessels are supplied with fresh water from privately-owned water-boats or direct from hydrants on the quayside under the ownership of the British Transport Commission.

Samples are taken periodically from water-boats and when considered necessary from the hydrants, the latter with the consent and co-operation of the British Transport Commission.

Should any hydrant or equipment be found in an unsatisfactory condition the matter is reported to the British Transport Commission who take the necessary action.

Number and Sanitary Condition of Water Boats and Powers of Control by the Authority

Docks				Number of Boats
Albert and Sir William Wright				2
Humber	.....	.....	.....	2
Victoria	.....	.....	.....	2
Alexandra	.....	.....	.....	3
Goole	.....	.....	.....	2

These boats are periodically cleansed and cement-washed and are kept under constant supervision by the Authority's Inspectors. Samples of drinking water are taken periodically and submitted to the Port Analyst for chemical analysis and to the Director of the Public Health Laboratory Service for bacteriological examination.

Ships domestic water tanks are similarly sampled either as a result of complaints or as part of the normal duties.

Where adverse reports are received the appropriate action is taken under the provisions of Section 141, Part IV, of the Public Health Act, 1936.

The results of the examination of drinking water samples from British ships are reported, at his request, to the Provisions Inspector of the Ministry of Transport and Civil Aviation.

In cases where the water supply was intended for washing purposes only and was not marked " unfit for drinking," when the circumstances were pointed out to the person responsible, the appropriate notice was forthwith displayed.

PUBLIC HEALTH (SHIPS) REGULATIONS, 1952-61

The out of office telephone service previously maintained by the Inspectorial staff has been augmented by the inclusion of two members of the Clerical staff.

These officers are responsible for receiving news of incoming vessels from Infected Areas, together with those with sickness on board and those carrying alien passengers. They also arrange for the attendance of the boarding medical officer and accompany him on all occasions.

SMALLPOX

All cases or suspected cases of Smallpox may be sent to the Castle Hill Hospital, Cottingham, E. Yorks.

Ambulances for the removal of cases to hospital are provided at all times by the Hull Corporation Ambulance Service which is under the direction of the Medical Officer of Health of the city.

Vans are also available for the conveyance of bedding, etc., to and from the Corporation Disinfecting Station, Scarborough Street, Hull.

All ambulance staff and the staff of the Authority are subjected to periodical vaccination.

Dr. Alexander Hutchison, Medical Officer of Health of the City of Kingston upon Hull and of the Hull & Goole Port Health Authority, is the Smallpox consultant for the district.

Specimens for laboratory diagnosis are forwarded to either :—

(a) The Virus Reference Laboratory,
Central Public Health Laboratory,
Colindale Avenue,
London, N.W.9

or (b) The Department of Bacteriology,
Mount Pleasant,
Liverpool 3.

VENEREAL DISEASE

Cases of Venereal Disease are treated at the Clinic, Mill Street, Hull.

The times of attendance for seeing the doctor are as follows:—

Monday	.....	.....	.....	10.0 a.m. to 12 noon 5.0 p.m. to 6.0 p.m.
Tuesday	.....	.....	.....	10.0 a.m. to 12 noon 5.0 p.m. to 6.0 p.m.
Wednesday	.....	.....	.....	10.0 a.m. to 12 noon 5.0 p.m. to 7.0 p.m.
Thursday	.....	.....	.....	10.0 a.m. to 12 noon 5.0 p.m. to 6.0 p.m.
Friday	.....	.....	.....	10.0 a.m. to 12 noon 5.0 p.m. to 6.0 p.m.
Saturday	.....	.....	.....	—————

A ' Notice to Seamen ' Card has been printed in fourteen languages, giving the address of the clinic and the times of attendance.

At Goole a clinic is held on Thursdays from 4-30 p.m. to 5-30 p.m. at the Bartholomew Hospital.

In-patients are treated at the Western General Hospital, Anlaby Road, Hull, and at the Kingston General Hospital, Beverley Road, Hull.

At Goole in-patients are treated at the Bartholomew Hospital

CASES OF NOTIFIABLE AND OTHER INFECTIOUS DISEASES ON SHIPS

TABLE D

Cases landed from Ships from Foreign Ports

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Influenza	—	4	2
Measles	2	—	2
Mumps	—	1	1
Infective Hepatitis	—	1	1
Pneumonia	—	2	2
Tuberculosis, Pulmonary	—	2	2
Poliomyelitis	—	1	1

Cases which have occurred on ships from Foreign Ports but have been disposed of prior to arrival

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Influenza	—	3	1
Tuberculosis, Pulmonary	—	1	1
Malaria	—	1	1
Dysentery	—	1	1

Cases landed from other Ships

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
—	—	—	—

POLIOMYELITIS

The m/v "YORK" from Copenhagen arrived in Goole on 14/10/61 from Copenhagen. The vessel was boarded on 16/10/61 by an Inspector when the crew were reported to be "All Well."

On 19/10/61 it was reported that the 2nd Officer had been admitted to the Castle Hill Hospital as a case of suspected Meningitis on 14/10/61 and was now reported to be a case of Poliomyelitis. The man left the ship on 14/10/61 to go on leave and collapsed the same day.

The vessel sailed for Copenhagen from Goole on the a.m. tide of 20/10/61. The Medical Officer of Health of Copenhagen was informed of the circumstances.

Certain members of the crew, who lived in Hull received the oral vaccine and the remainder were offered injections at Goole.

The case terminated fatally on 6th January, 1962.

ALLERGIC RASH

On 1st May, 1961, a case of suspected Scarlet Fever ex the m/v "KUUTSALO" from Kotka was admitted to the Castle Hill Hospital, Cottingham. The man was subsequently found to be suffering from an allergic rash and was discharged on 6th May, 1961. The quarters and contents were disinfected under the supervision of an officer of the Authority.

GASTRO-ENTERITIS

On 4th May, 1961, a female passenger, ex m/v "BOLTON ABBEY" from Rotterdam was admitted to the Castle Hill Hospital, Cottingham suffering from Gastro-enteritis. She was discharged on 9th May, 1961. The cabin on the ship was disinfected under the supervision of an officer of the Authority and the bedding was treated at the Scarborough Street Disinfecting Station.

FOOD POISONING

On 2nd July, 1961, a first class male passenger, ex the s/s "ROLLO" from Gothenburg, was removed to the Castle Hill Hospital, Cottingham, suffering from suspected Dysentery. The man was subsequently found to be suffering from food poisoning and was transferred to the Lodge Moor Hospital, Sheffield, on 25th July, 1961, and the Medical Officer of Health for the City was informed of the circumstances. The source of the infection was not traced and it was possible that the man was infected before embarkation.

The cabin, etc., was disinfected under the supervision of an officer of the Authority and the bedding was removed to the Scarborough Street Disinfecting Station.

PROGRESS IN RAT-PROOFING OF SHIPS

The construction of new vessels has continued to be free from permanent rat harbourage. In older vessels where such harbourage is found the responsible persons are informed and advised by the Officers of the Authority of the most effective way for eliminating the harbouring or rat-proofing.

PREVENTION OF DAMAGE BY PESTS ACT, 1949

PREVENTION OF DAMAGE BY PESTS

(APPLICATION TO SHIPPING) ORDER, 1951

No Rodent Control Certificates were issued during the year under the Prevention of Damage by Pests (Application to Shipping) Order, 1951, made under the Prevention of Damage by Pests Act, 1949.

TABLE E

RODENTS DESTROYED DURING THE YEAR IN SHIPS FROM FOREIGN PORTS

Category	Number
Black Rats	380*
Brown Rats	—
Species not known	—
Sent for examination	68
Infected with Plague	—

* This total includes 14 rats killed as a result of fumigation by hydrogen cyanide and 16 found after treatment with sodium fluoroacetate.

In addition, 23 mice were caught by the Authority's Rodent Searchers ; 145 were found after treatment with sodium fluoroacetate, and 32 after fumigation by hydrogen cyanide.

RODENTS DESTROYED DURING THE YEAR IN WAREHOUSES ON THE DOCK ESTATE

Category	Number
Black Rats	—
Brown Rats	49*
Species not known	—
Sent for examination	1
Infected with Plague	—

* The above figures were supplied by the British Transport Commission (Hull Docks).

OBSERVATIONS ON THE OCCURRENCE OF MALARIA ON SHIPS

One case of Malaria was reported as having been disposed of prior to arrival.

MEASURES TAKEN AGAINST SHIPS INFECTED WITH OR SUSPECTED FOR PLAGUE

No ships, infected with or suspected for Plague, arrived in the district during the year.

MEASURES AGAINST RODENTS IN SHIPS FROM FOREIGN PORTS

Procedure for Inspection of Ships for Rats

The Authority's Inspectors and Rodent Searchers inspect all ships from foreign ports for evidence of rat infestation as soon as possible after arrival. Special attention being given to those coming from Plague Infected Areas, direct or via 'excepted' or British ports, numbering 413 in 1961.

Where evidence of recent infestation is found traps are laid to confirm the findings.

In 1961 traps were set on 204 ships and 350 rats were caught.

The Inspectors of the Authority also pay daily visits to ships from infected Areas and enquiries regarding the presence of rats form part of their normal duties.

On the 30th April, 1961, the s/s "MANSOOR" arrived at Hull from Chittagong, Chalna, Cochin and Port Sudan. The Master produced a valid Deratting Exemption Certificate issued at Chittagong on 15th February, 1961.

In accordance with the usual procedure the vessel was boarded by officers of the Authority and evidence of heavy rat infestation was found in all holds, shelter deck space, engine-room, forepeak and storeroom, lifeboats, galley, pantry, mast houses and crew and officers' accommodation. The vessel remained in the port for five days and continuous trapping resulted in 111 rats being caught. Specimens were submitted for bacteriological examination; the post mortem appearances were normal and spleen smears were negative for *P. pestis*.

The action taken at this port was reported to the Medical Officer of Health of the next port of call.

Arrangements for the Bacteriological or Pathological Examination of Rodents

A proportion of all rats trapped and all found dead, including those destroyed by the Rat Catchers employed by the British Transport Commission, are submitted to the Director of the Public Health Laboratory Service, 184 High Street, Hull for bacteriological examination. 69 rats were examined during the year, none of which showed evidence of *Pasteurella pestis*. Details are given in Table E (page 23).

Arrangements for derrating ships

Five methods of rat destruction are approved, namely : (1) Fumigation by hydrogen cyanide ; (2) Fumigation by sulphur dioxide ; (3) Fumigation by methyl bromide ; (4) Trapping, and (5) Poisoning by sodium fluoroacetate. Details are given in Tables E and F. (pages 23, 26).

In cases where ships may harbour plague-suspected rats and also in cases of heavy rat infestation it is insisted upon that deratting be carried out by fumigation with hydrogen cyanide. Where the infestation is slight or moderate deratting is permitted by fumigation with sulphur dioxide or poisoning by sodium fluoroacetate. Infestation of a minor nature can be dealt with by trapping.

There is a working arrangement with the Ministry of Agriculture, Fisheries and Food (Infestation Branch) whereby ships being fumigated with methyl bromide may be granted a deratting certificate provided the operation is supervised by an Officer of the Authority.

Where deratting by fumigation or by sodium fluoroacetate is considered necessary the work is carried out by commercial contractors. The firms approved by the Authority for undertaking this work are as follows :—

- (a) Messrs. R. W. Arro & Co. Ltd.
433 Hedon Road,
Hull.
- (b) Messrs. Harrison & Doughty Ltd.
Wyke Street,
Hull.
- (c) Insecta Laboratories Ltd.,
176 Vauxhall Bridge Road,
London, S.W.1.
- (d) Riverside (Painters & Contractors) Ltd.,
441 Hedon Road,
Hull.
- (e) Scientex Ltd.,
30-31 Queen Street,
London, E.C.4.

TABLE F

DERATTING CERTIFICATES AND DERATTING EXEMPTION CERTIFICATES ISSUED DURING THE YEAR

FOR SHIPS FROM FOREIGN PORTS

No. of Deratting Certificates issued			Total	Number of Deratting Exemption Certificates issued	Total Certificates issued
HCN	After Fumigation with	After trapping			
	Other Fumigant (state method)				
3	* 2 (methyl bromide)	3	16	621	637

* The operation was supervised in co-operation with the Ministry of Agriculture, Fisheries and Food (Infestation Branch).

INSPECTION OF SHIPS FOR NUISANCES

TABLE G

INSPECTIONS AND NOTICES

Category of Nuisance and Number of Inspections	Number Found	Number Remedied	Notices Served		Result of Serving Notices
			Statutory Notices	Other Notices	
British					
Defects of original construction ...	2	1	Nil	Nil	—
Structural defects through wear and tear	70	67	Nil	9	9 ships remedied
Dirt, vermin and other conditions prejudicial to health	658	612	Nil		
Defects arising from structural alterations	7	Nil	Nil	2 (to Ministry of Transport)	1 ship remedied
Foreign					
Defects of original construction ...	344	Nil	Nil	Nil	—
Structural defects through wear and tear	8	5	Nil	Nil	—
Dirt, vermin and other conditions prejudicial to health	24	23	Nil		
Defects arising from structural alterations	73	Nil	Nil	Nil	—
Totals	1,186	708	Nil	11	10 ships remedied

It should be noted that defects of original construction and those arising from structural alterations are not strictly matters for correction by your officers and such defects when found on British ships are notified to the Ministry of Transport for their attention.

Under the provisions of the Public Health Act, 1936, 7,982 visits were made by the Port Health Inspectors to ships arriving in the Port Health District. These visits comprise 6,725 initial inspections and 1,257 revisits.

Ships which had come direct from Infected Areas were paid daily visits and ships from non-infected areas were visited as the occasion demanded.

In addition to the above due attention is paid by the Authority's officers to the requirements of the Merchant Shipping (Crew Accommodation) Regulations, 1953, made by the Ministry of Transport and Civil Aviation, which govern the construction of crews' quarters. Any defects of original construction and those arising from structural alterations on British ships are notified to the Principal Surveyor at the local office of the Ministry with whom the Authority's officers work in close co-operation. During the year the Surveyor's attention was drawn to two vessels involving defects arising from structural alterations, one of which was remedied.

The "dirty" conditions referred to in Table G on British vessels are due principally to the litter left behind by crews when "paying off" and Hull being a terminal port for many ships accounts for the large figure recorded.

ALIENS ORDER, 1953
MEDICAL EXAMINATION OF ALIENS
during the year ended 31st December, 1961

1. Number of arriving ships carrying aliens 1,160
2. Total number of arriving aliens (excluding crews) 3,409
3. Total number of ships dealt with by Medical Inspectors 203*
4. Total number of aliens medically examined. 53
5. Reports and certificates for aliens medically examined : nil

* Includes 113 vessels, the alien passengers from which were dealt with at the Passenger Terminal, Riverside Quay, Hull.

Nature of Report or Certificate		Total number of reports and certificates issued	Aliens Not Permitted to land
A	Unsound mind or mentally defective	—	—
B (1)	Undesirable for medical reasons	—	—
B (2)	Inability to support	—	—
	Likely to require medical treatment	—	—
C	Conditionally landed for further medical examination	—	—
Totals		—	—

MISCELLANEOUS

ARRANGEMENTS FOR THE BURIAL ON SHORE OF PERSONS WHO HAVE DIED ON BOARD SHIP FROM INFECTIOUS DISEASES

NO CHANGE.

MEDICAL INSPECTION OF ALIENS

The Medical Inspectors of Aliens holding Warrants of Appointment at the 31st December, 1961 were as follows :—

1. Dr. ALEXANDER HUTCHISON, Port Medical Officer of Health,
2. Dr. A. MCGREGOR, Deputy Medical Officer, Hull C.B.
3. Dr. A. H. FAIRLAMB, Senior Medical Officer, Hull C.B. (part-time Boarding Duty).
4. Dr. B. REFFOLD, Senior Medical Officer, Hull C.B. (part-time Boarding Duty).
5. Dr. M. M. BELL, Senior Medical Officer Hull C.B. (part-time Boarding Duty, from 11th September, 1961).
6. Dr. G. R. WALKER, Assistant Medical Officer of Health, Hull C.B. (part-time Boarding Duty).
7. Dr. S. KLINGER, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty).
8. Dr. ELIZABETH WALES, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty).
9. Dr. D. R. EDMISTON, Assistant Medical Officer, Hull C.B.
10. Dr. F. C. GARRY, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty, from 12th January, 1961).
11. Dr. J. BRIFFA-BOOTHMAN, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty, from 11th September, 1961).

OTHER STAFF

The Inspectorial and Clerical Staff devote a certain amount of time to the work in connection with Alien traffic.

ORGANISATION OF WORK

The expected time of arrival of ships carrying Alien passengers is notified by telephone by H.M. Immigration Officers and the shipping agents to the office of the Authority, or to the Officer on duty, after office hours.

CLEAN AIR ACT, 1956

In the course of their duties the Authority's Inspectors maintain a strict watch on all vessels in the port in accordance with the provisions of the above Act.

Smoke observations were made on 187 vessels and in three instances the vessels were observed to contravene Section I of the Act.

It is customary in this port where vessels contravene the Act for the Inspector to board, if possible, and inform the responsible officer of the circumstances.

In the three instances mentioned above, one was found to be due to a defective fan which was under repair and no further action was taken. In the second case the smoke was reduced following a verbal warning and a letter was sent to the Master reporting the occurrence and no further contraventions were noted. In the third case which involved a tug under way in the River Humber legal action was taken against the owners and the Master of the vessel but the case was dismissed.

CERTIFICATES OF HEALTH

During the year two certificates were issued to a local shipping firm to the effect that samples of sand from the River Trent, to be used for ships' ballast, were satisfactory for the purpose.

Samples of the sand were submitted to the Director of the Public Health Laboratory Service for bacteriological examination, the results of which were reported to be satisfactory.

Eleven certificates of health were issued to a local firm of exporters to the effect that there were no epidemics of Cholera, Typhus, Plague, Yellow Fever or Smallpox existing in the Ports of Hull and Goole and also that ports were free from Foot and Mouth Disease. The certificates were in respect of consignments of Textile Waste, etc., for shipment to Thessaloniki and Piraeus.

DANGEROUS DRUGS REGULATIONS, 1953

During the year three applications were received from shipping chemists for certificates authorising the purchase of scheduled drugs for foreign-owned vessels, in accordance with the provisions of the above Regulations.

In all cases the vessels concerned were visited by an Officer of the Authority to verify the necessity for the drugs.

FOOD INSPECTION

HULL

Public Health (Imported Food) Regulations 1937-1948

Number of visits to docks	1,746
Number of vessels from which cargoes were inspected	1,058
Number of packages inspected	12,415,222
Number of detention notes issued by H.M. Customs	5

PARTICULARS OF ' PROHIBITED MEAT ' DISCOVERED

N I L

PARTICULARS OF ' MEAT PRODUCTS '—

SECOND SCHEDULE

Country of origin	Description	Quantity
Argentina	Tinned Meat	35,323 packages
Australia and New Zealand	Tinned Meat	137,997 „
„	Mutton	77,240 carcasses
„	Meat Sundries	5,732 packages
„	Beef	1,436 quarters
„	Lard	16,068 packages
„	Offal	501 „
„	Veal	26 carcasses
„	Tallow	65 packages
Belgium	Lard	5,560 „
Brazil	Tinned Meat	31,675 „
Canada	Tinned Meat	390 „
Czechoslovakia	Tinned Meat	200 „
Denmark	Tinned Meat	491,260 „
„	Bacon	340,601 bales
„	Offal	25,549 packages
„	Lard	18,628 „
„	Pork	1,812 ½ carcasses
„	Maws	15 packages
„	Sausages	700 „
„	Casings	13 barrels
„	Chitterlings	3 packages
Eritrea	Tinned Meat	2,036 „
France	Tinned Meat	7,904 „
„	Lard	75,190 „
„	Meat Sundries	2 „
Germany	Tinned Meat	11,476 „
„	Lard	500 „

Country of origin	Description	Quantity
Holland	Tinned Meat	272,397 packages
„	Bacon	2,509 bales
„	Lard	77,208 packages
„	Meat Sundries	240 „
„	Veal	216 carcasses
„	Offal	30 packages
„	Sausages	50 „
„	Pork Rind	3 „
Iceland	Casings	7 barrels
„	Offal	2,197 packages
Norway	Casings	928 barrels
„	Tinned Meat	100 packages
Poland	Tinned Meat	267,891 „
„	Bacon	98,454 bales
„	Lard	48,184 packages
„	Sausages	96 „
„	Tripe	60 „
South Africa	Tinned Meat	21,520 „
Sweden	Bacon	26,254 bales
„	Casings	182 barrels
„	Tinned Meat	200 packages
U.S.A.	Lard	98,819 „
Yugoslavia	Tinned Meat	220 „

OTHER FOODSTUFFS INSPECTED

Description	Quantity
Apples	1,133,351 packages
Tinned Fruit	1,178,307 „
Pears	221,187 „
Tomatoes	600,867 „
Cucumber	112,260 „
Bilberries	727,510 „
Eggs	341,549 „
Cream	262,424 „
Sugar	134,956 „
Grapefruit	59,236 „
Grapes	94,773 „
Peas	37,376 „
Nuts	45,388 „
Melons	31,749 „
Peaches	43,477 „
Fish	67,136 „
Confectionery	75,524 „
Tinned Milk	43,341 „
Coffee	17,689 „
Margarine	18,450 „
Gherkins	5,568 „
Beans	2,514 „

Description					Quantity	
Radish	.....	.....	.....	.....	1,201	packages
Strawberries	.....	.....	.....	.....	3,137	„
Pomegranates	.....	.....	.....	.....	8,991	„
Casein	.....	.....	.....	.....	8,540	„
Yeast	.....	.....	.....	.....	5,750	„
Tinned Poultry	.....	.....	.....	.....	3,704	„
Rusks	.....	.....	.....	.....	7,060	„
Dried Egg	.....	.....	.....	.....	2,040	„
Tinned Vegetables	.....	.....	.....	.....	6,973	„
Sauces	.....	.....	.....	.....	6,334	„
Parsley	.....	.....	.....	.....	105	„
Pineapples	.....	.....	.....	.....	600	„
Tea	.....	.....	.....	.....	100	„
Aubergines	.....	.....	.....	.....	78	„
Butter	.....	.....	.....	.....	1,422,723	„
Onions	.....	.....	.....	.....	690,749	„
Lettuce	.....	.....	.....	.....	187,954	„
Carrots	.....	.....	.....	.....	140,082	„
Potatoes	.....	.....	.....	.....	430,448	„
Oranges	.....	.....	.....	.....	911,292	„
Dried Fruit	.....	.....	.....	.....	584,935	„
Tinned Fish	.....	.....	.....	.....	115,159	„
Cauliflower	.....	.....	.....	.....	23,281	„
Lemons	.....	.....	.....	.....	24,996	„
Cabbage	.....	.....	.....	.....	31,383	„
Chicory	.....	.....	.....	.....	10,035	„
Coconut	.....	.....	.....	.....	17,164	„
Plums	.....	.....	.....	.....	39,685	„
Fruit Juice	.....	.....	.....	.....	38,964	„
Cheese	.....	.....	.....	.....	54,282	„
Cocoa Products	.....	.....	.....	.....	29,476	„
Shellfish	.....	.....	.....	.....	10,078	„
Poultry	.....	.....	.....	.....	53,415	„
Dried Vegetables	.....	.....	.....	.....	14,319	„
Vegetables in Brine	.....	.....	.....	.....	8,226	„
Beetroot	.....	.....	.....	.....	5,648	„
Cherries	.....	.....	.....	.....	6,271	„
Gooseberries	.....	.....	.....	.....	5,521	„
Blackcurrants	.....	.....	.....	.....	1,220	„
Rice	.....	.....	.....	.....	3,172	„
Dried Milk	.....	.....	.....	.....	9,600	„
Biscuits	.....	.....	.....	.....	9,419	„
Glucose	.....	.....	.....	.....	8,595	„
Sauerkraut	.....	.....	.....	.....	1,270	„
Jam, etc.	.....	.....	.....	.....	9,430	„
Paprika	.....	.....	.....	.....	891	„
Mushrooms	.....	.....	.....	.....	471	„
Rabbits	.....	.....	.....	.....	100	„
Spinach	.....	.....	.....	.....	45	„
Pectin	.....	.....	.....	.....	11	„

FOODSTUFFS FOUND TO BE UNFIT

Description			Tons	Weight cwts.	qrs.	lb.
Coconut	.....	1 bag	—	1	—	—
Butter	.....	2 cartons	—	—	3	—
Onions	.....	17,519 bags and 64 cases	397	7	1	—
Oranges	.....	1 box	—	—	2	—
Bacon	.....	1 bale and parings	—	8	3	20
Lard	.....	3 cartons	—	1	—	—
Potatoes	.....	20 hampers	—	10	—	—
Pears	.....	28 cases	—	3	3	—
Apples	.....	32 cases	1	14	—	14
Bilberries	.....	475 chips	—	16	3	24
Tinned Fruit	.....	2,690 tins	1	4	—	—
Plums	.....	6 boxes	—	—	2	4
Confectionery	.....	2 cartons	—	—	1	—
Mackerel	.....	14 casks	—	7	—	—
Melons	.....	55 cases	—	12	1	3

OFFICIAL CERTIFICATES

35 cartons of Beef Gulyas, marked : " GLOBUS AJR " were landed from the s.s. " MELROSE ABBEY " from Holland without official certificates. They were detained and later returned to Holland.

39 cases of Tinned Boneless Ham, marked : " RHT 1/11 5 " were landed from the s.s. " MOWE " from Germany without official certificates. They were detained and later returned to Germany.

150 cartons of Tinned Ham, marked : " JAKA HAM CO. LIVERPOOL 0326/67 " were landed from the s.s. " FRESIA " from Denmark without official certificates. They were detained and returned to the country of origin.

250 cartons of Tinned Chicken and Ham slices marked : " Lot 876A " were landed from the s.s. " MELROSE ABBEY " from Rotterdam without official certificates. They were detained and returned to the country of origin.

OTHER INSPECTIONS

During November, 1961 the vessels "MODLIN" and "DEBLIN" discharged consignments of bacon totalling 2,691 bales. A large proportion of these were seen to be stained and after the Port Analyst had reported that this was caused by a copper compound, a 100% inspection was carried out. The affected bacon was pared off and a quantity of nearly 8 cwt. condemned.

FOOD AND DRUGS ACT, 1955

Six samples of foodstuffs in transit were taken under the above Act.

PUBLIC HEALTH (IMPORTED FOOD) REGULATIONS 1937 to 1948

The above regulations have been in operation during the year and are working satisfactorily.

PUBLIC HEALTH (IMPORTED MILK) REGULATIONS, 1926

No action has been taken under these regulations during the year.

PUBLIC HEALTH (PRESERVATIVES ETC., IN FOOD) REGULATIONS 1925—1958

Eight samples of foodstuffs were taken for analysis under the above Regulations during the year.

SHELLFISH BEDS

There are no shellfish beds within the jurisdiction of the Authority. No action, therefore, has been taken under the Public Health (Shellfish) Regulations, 1934, or the Food and Drugs Act, 1955.

Total number of foodstuffs submitted for :—

- (a) Chemical analysis 37 report on pages 40-42
- (b) Bacteriological examination 609 report on page 42

FOOD INSPECTION**GOOLE**

Number of visits to docks	226
Number of vessels from which cargoes were inspected	319
Number of packages inspected	2,807,014
Number of Detention Notes issued by H.M. Customs.....	Nil

**PARTICULARS OF "PROHIBITED MEAT"—
DISCOVERED**

N I L

**PARTICULARS OF "MEAT PRODUCTS"—
SECOND SCHEDULE**

Description	Quantity
Salami Sausage	276 cases
Bacon	301,011 bales
Pork, tinned	4,976 cartons
Chopped Pork, tinned	850 cartons
Ham, tinned	13,206 „
Chopped Ham, tinned	169,908 „
Luncheon Meat, tinned	42,812 „
Sliced Ham	3,150 „
Loin of Pork, tinned	155 „
Pork Luncheon Meat, tinned	71,871 „
Tongues, tinned	2,410 „
Frankfurter Sausages, tinned	5,695 „
Cocktail Sausages, tinned	9,451 „
Meat Preserves, tinned	2,002 „
Mixed Luncheon Meat, tinned	2,879 „
Udders	100 casks
Meat, tinned	185 cartons
Pork Shoulder, tinned	1,307 „
Chicken Fillets, tinned	16,975 „
Pork Collars	100 „
Frozen Pork Loins	990 „
Vienna Sausages	2,405 „
Pate de Foie, tinned.....	9,911 „
Devilled Ham, tinned	4,025 „
Ham Paste, tinned	2,970 „
Tongue Paste, tinned	1,750 „
Chopped Ham and Tongue tinned	50 „
Shoulder Ham	300 „
Chickens, tinned	4,702 „
Turkeys, tinned	1,475 „
Chipolata Sausages	100 „

Description	Quantity
Hot Dog Sausages	8,577 cartons
Chicken Skins, tinned	50 „
Bacon, tinned	50 „
Sausages, tinned	1,745 „
Beef, tinned	15 cases
Sliced Bacon, tinned	460 cartons
Beef Goulash	30 cases
Pork Cutlets, tinned	20 „
Pigs tails	4 „
Chicken Breasts, tinned	2,200 cartons
Pigs Maws (in containers cwts.)	468 cwts.
Chicken and Ham Slice, tinned	400 cartons
Chopped Chicken, tinned	450 „
Turkey Breast, tinned	100 „
Pork and Ham, tinned	1,060 „

OTHER FOODS INSPECTED

Description	Quantity
Pickled Cabbage, bottled	10 cases
Sandwich Relish, tinned	25 „
Sunflower seed Oil, tinned	6 cartons
Lard	220 boxes
Cheese and Mushroom Spread, tinned	2,126 cartons
Cheese and Shrimp Spread, tinned	1,350 „
Cheese and Lobster Spread, tinned	5,525 „
Cheese and Bacon Spread, tinned	607 „
Horse Radish	1 case
Peas	3,200 bags
Milk Substitute	140 cartons
Cream, tinned	26,286 „
Cockles	618 baskets
Cheesespread	41,138 „
Mackerel in Brine	456 casks
Margarine	100 cartons
Soup, tinned	100 „
Sago Flour	800 bags
Sugar (tons)	150 „
Chocolate	3,308 cases
Gherkins, glass jars	500 „
Beans, tinned	51 cartons
Hyfoama (Whipping Agent)	124 „
Oranges	250 cases
Grated Cheese	1,100 cartons
Mixed Pickles, glass jars	100 cases
Beer, 500 gallon tanks	40 tanks
Shrimps in Brine, tinned	144 tins
Milk Powder	372 cartons
Carrots	236 bags

Description					Quantity
Potatoes	.....	.....	.....	.....	4,033 bags
Eggs	.....	.....	.....	.....	3,922 boxes
Mushroom Paste	.....	.....	.....	.....	1,450 cartons
Picallille	.....	.....	.....	.....	2 casks
Pickled Cauliflower	.....	.....	.....	.....	3 „
Dates	.....	.....	.....	.....	860 cartons
Wine	.....	.....	.....	.....	261 cases
Yeast	.....	.....	.....	.....	305 bags
Fruit Pulp	.....	.....	.....	.....	170 casks
Tomato Paste, tinned	.....	.....	.....	.....	6,668 cases
Syrup, tinned	.....	.....	.....	.....	100 cartons
Gherkins, tinned	.....	.....	.....	.....	350 cartons
Onions	.....	.....	.....	.....	2,191 bags
Gherkins Pickled	.....	.....	.....	.....	1,800 casks
Sugar	.....	.....	.....	.....	11,760 bags
Cheese	.....	.....	.....	.....	177,871 cartons
Butter	.....	.....	.....	.....	72,430 cartons and casks
Beer	.....	.....	.....	.....	565,843 cases
Cucumber Salad, bottled	.....	.....	.....	.....	100 cases
Evaporated Milk, tinned	.....	.....	.....	.....	4,978 „
Cheese Parmesan	.....	.....	.....	.....	1,500 cartons
Cheeses loose	.....	.....	.....	.....	18,818 loose
Cocoa Butter.....	.....	.....	.....	.....	39,905 cartons
Sauerkraut	.....	.....	.....	.....	5,280 „
Red Cabbage.....	.....	.....	.....	.....	135 cartons
Spinach, tinned	.....	.....	.....	.....	180 „
Condensed Milk, tinned	.....	.....	.....	.....	52,265 drums, cartons and boxes
Mixed Salad, tinned.....	.....	.....	.....	.....	100 cartons
Chocolate	.....	.....	.....	.....	195 cases and cartons
Confectionery	.....	.....	.....	.....	130 cartons
Cockles in vinegar	.....	.....	.....	.....	36,021 tins
Fish	.....	.....	.....	.....	74 boxes
Mussels tinned	.....	.....	.....	.....	112 cartons
Sliced Apple, tinned	.....	.....	.....	.....	1,850 cases
Paprika Salad	.....	.....	.....	.....	250 jars and cases
Raspberry Syrup, tinned	.....	.....	.....	.....	200 cases
Morello Syrup	.....	.....	.....	.....	200 „
Mixed Spice in Tomato Juice, tinned	.....	.....	.....	.....	406 cartons
Toasties	.....	.....	.....	.....	13,400 cartons
Potato Flour	.....	.....	.....	.....	150 bags
Beans	.....	.....	.....	.....	27 bags
Cornflour	.....	.....	.....	.....	300 bags
Whey Flour	.....	.....	.....	.....	500 bags

FOODSTUFFS FOUND TO BE UNFIT

Description					Weight			
					Tons	cwts.	qrs.	lb.
Cheese	.....	.....	.....	.....	—	—	—	2 $\frac{3}{4}$
Cheesespread	.....	.....	.....	.....	—	—	—	10 $\frac{3}{4}$
Chopped Gherkins	.....	.....	.....	.....	1	—	—	—
Butter	.....	.....	.....	.....	—	—	—	19 $\frac{3}{4}$
Cocktail Sausages	.....	.....	.....	.....	—	—	—	6
Chopped Ham	.....	.....	.....	.....	—	—	—	12 $\frac{3}{4}$
Sliced Ham	.....	.....	.....	.....	—	—	—	1
Cheese and Lobster Spread	.....	.....	.....	.....	—	—	—	1 $\frac{3}{4}$
Danish Cream, tinned	.....	.....	.....	.....	—	—	—	$\frac{3}{4}$
Sauerkraut	.....	.....	.....	.....	—	1	—	—
Pork Luncheon Meat	.....	.....	.....	.....	—	—	—	11
Danish Blue Cheese	.....	.....	.....	.....	—	—	—	1 $\frac{1}{4}$
Luncheon Meat	.....	.....	.....	.....	—	—	—	22 $\frac{3}{4}$
Mackerel in brine	.....	.....	.....	.....	—	1	3	—
Danish Rindless Cheese	.....	.....	.....	.....	—	—	1	2
Cheese and Mushroom Spread	.....	.....	.....	.....	—	—	—	2 $\frac{1}{4}$
Cheese and Shrimp Spread	.....	.....	.....	.....	—	—	—	5 $\frac{3}{4}$
Hot Dog Sausages	.....	.....	.....	.....	—	—	—	$\frac{3}{4}$
Ham	.....	.....	.....	.....	—	—	—	6
Cockles in vinegar	.....	.....	.....	.....	—	13	—	24
Shrimps	.....	.....	.....	.....	—	—	3	26

OFFICIAL CERTIFICATES

One-hundred cases of Frankfurter Sausages and 25 cartons of Sandwich Relish were landed without "Official Certificates." The goods were eventually returned to the country of origin.

Four cases of Pigs' Parts were landed without "Official Certificates." The goods were eventually returned to the country of origin.

FOOD AND DRUGS ACT, 1955

Twelve samples of foodstuffs were taken for chemical analysis under the above Act.

**PUBLIC HEALTH (PRESERVATIONS, ETC., IN FOOD)
REGULATIONS, 1937-1948**

Twelve samples of foodstuffs were taken for chemical analysis under the above Regulations—report on pages 41-42.

**THE FOOD HYGIENE (DOCKS, CARRIERS, ETC.)
REGULATIONS, 1960**

In Goole the above Regulations have been in force during the year and no action has been found necessary as all foodstuffs landed at that port are packed or otherwise protected against the risk of contamination.

THE FOOD HYGIENE (GENERAL) REGULATIONS) 1960

In accordance with the provisions of the above Regulations regular visits are made by the Authority's Officers to the home-going vessels in the district.

No complaints were received and the vessels were found to comply with the requirements of the Regulations.

Total number of foodstuffs submitted for :—

(a) Chemical analysis 24

Action taken as a result of unsatisfactory reports :—

Sliced Ham.—The importers gave an undertaking that future consignments would be labelled in accordance with the Port Analyst's recommendations.

Boned Chicken.—The importers gave written assurance that new labels to conform with the requirements were in course of preparation and would be in use in a short time.

REPORT OF THE PORT ANALYST FOODSTUFFS

In the table below the results of the examination of sixty-one samples of foodstuffs are set out :—

Sample	Number	Result of Examination
Beef Kidneys	1	Genuine
Butter	1	Genuine
Confectionery		
Whipping Agent	1	Genuine
Chopped Pork with Ham	1	Genuine
Chicken, Boned.....	1	I am of the opinion that the words "brand" and "in chicken jelly" on the label should be in type of not less than half the size and of the same colour as the associated words "DEVON FARM" and "BONED CHICKEN" and against the same background as the associated words. The label did not bear a registered trade mark, accompanied by the words "Registered Trade Mark" or, alternatively, the name and address of the labeller or packer, contrary to the requirements of the Labelling of Food Order, 1953.

Sample	Number	Result of Examination
Ham, Sliced	1	Contained 90, instead of, in my opinion, not less than 95 per cent of ham, calculated as raw pork.
Luncheon Meat, Pork	2	Genuine
Lunch Tongues	3	Genuine
Milk, Canned	3	Genuine
Pork Stuffed Paprika	1	Genuine
Sausages, Canned	1	Genuine
Sausage of Gyula	1	Genuine
Tongue Paste	1	Genuine
Angelica	1	Contained 60 parts per million of copper (20 parts per million allowed).
Blackcurrant Pulp	1	Contained 900 parts per million of sulphur dioxide (1,500 parts per million allowed).
Cheese	1	Free from preservatives
Cheese Spread	1	Free from preservatives
Cheese and Lobster Spread	1	Free from preservatives
Chicken and Ham Slice	1	Free from preservatives
Chopped Ham	1	Contained 68 parts per million of sodium nitrate and 181 parts per million of potassium nitrate.
Fruit Drops	1	No prohibited colouring-matter detected.
Gherkins, Pickled	1	Free from preservatives
Grapefruit	1	Contained diphenyl and ortho-phenyl phenol (less than permitted amounts).
Luncheon Meat, Pork	1	Contained 4 parts per million of sodium nitrate (200 parts per million allowed) and 166 parts per million of potassium nitrate.
Oranges	3	Contained ortho-phenyl-phenol (less than permitted amount).
Orange Juice	1	Contained 1190 parts per million of sulphur dioxide (350 parts per million allowed).
Pate de Foie Truffe	1	Contained 118 parts per million of sodium nitrite (200 parts per million allowed) and 535 parts per million of potassium nitrate.
Raspberries, Canned	1	Free from preservatives and prohibited colouring-matter.

Sample	Number	Result of Examination
Sausages, Skinless	1	Contained 15 parts per million of sodium nitrate (200 parts per million allowed) and 96 parts per million of potassium nitrate.
Shrimps	3	Free from preservatives
Strawberry Pulp	3	Contained 2,580, 2,360 and 1,340 parts per million of sulphur dioxide respectively (2,000 parts per million allowed).
Tongue Paste	1	Free from preservatives
Apples	14	Three samples contained arsenic and lead (less than the permitted amounts).
Grapes	1	Contained 10 parts per million of copper and 0.2 parts per million of lead (less than the permitted amounts). Negative for arsenic.
Cardboard from Currant Carton	1	The powder coating consisted of wheat flour.
Edible Fat	1	Consisted of hardened vegetable and/or fish oil.
Bacon Parings	1	The discolouration was due to a copper compound.

BACTERIOLOGICAL EXAMINATIONS

During the year, 609 samples of foodstuffs, etc., were submitted to the Director of the Public Health Laboratory Service for bacteriological examination, with the following results :—

Nature of Sample	Number	Result
Desiccated Coconut	382 349	Negative 11 <i>Salmonella hvitvingfoss</i> 6 <i>Salmonella waycross</i> 6 <i>Salmonella para typhi</i> B 3 <i>Salmonella rubislaw</i> 2 <i>Salmonella ferlac</i> 2 <i>Salmonella typhi murium</i> 1 <i>Salmonella kotte</i> 1 <i>Salmonella stanley</i> 1 <i>Salmonellae bredeney</i> and anatum.
Frozen Egg	180	Negative
Dried Egg	38	Negative
Egg Albumen	5	Negative
Egg Yolk	3	Negative
Tinned Ham	1	Negative

APPENDIX I**HULL****Summary of Inspections to Vessels, Foreign and Coastwise**

From					
Foreign	{	Steamships	.....	.....	751
		Motor Vessels	.....	.....	2,750
		Fishing Vessels	.....	.....	1,631
Coastwise	{	Steamships	.....	.....	71
		Motor Vessels	.....	.....	369
		Fishing Vessels	.....	.....	—
					5,572

GOOLE

Foreign	{	Steamships	.....	.....	.....	3
		Motor Vessels	.....	.....	.....	799
Coastwise	{	Steamships	.....	.....	.....	84
		Motor Vessels	.....	.....	.....	469
						1,355
Extra Visits						 1,257
Total						 8,184

Summary of Inspections to Vessels, British and Foreign Owned**HULL**

Owners					
British	{	Steamships	.....	.....	496
		Motor Vessels	.....	.....	1,037
		Fishing Vessels	.....	.....	1,604
				——	3,137
Foreign	{	Steamships	.....	.....	326
		Motor Vessels	.....	.....	2,082
		Fishing Vessels	.....	.....	27
				——	2,435

GOOLE

Owners						
British	{	Steamships	.....	.....	.....	83
		Motor Vessels	.....	.....	.....	823
						906
Foreign	{	Steamships	.....	.....	.....	4
		Motor Vessels	.....	.....	.....	445
						449
						6,927
Extra Visits			.....	.....		1,257
Total			.....	.....	.....	8,184

The nationalities and number of inspections are shown below :—

British	.....	.....	.....	.....	4,043
Dutch	.....	.....	.....	.....	1,037
German	.....	.....	.....	.....	760
Swedish	.....	.....	.....	.....	214
Norwegian	.....	.....	.....	.....	207
Danish	.....	.....	.....	.....	114
Finnish	.....	.....	.....	.....	98
Polish	.....	.....	.....	.....	61
Spanish	.....	.....	.....	.....	52
Russian	.....	.....	.....	.....	50
Icelandic	.....	.....	.....	.....	40
Jugo-Slavian	.....	.....	.....	.....	37
Liberian	.....	.....	.....	.....	36
Greek	.....	.....	.....	.....	29
Belgian	.....	.....	.....	.....	22
Indian	.....	.....	.....	.....	19
Panamanian	.....	.....	.....	.....	19
South African	.....	.....	.....	.....	14
Faroese	.....	.....	.....	.....	12
Pakistani	.....	.....	.....	.....	11
Lebanese	.....	.....	.....	.....	9
French	.....	.....	.....	.....	7
Italian	.....	.....	.....	.....	6
Costa Rican	.....	.....	.....	.....	5
Argentinean	.....	.....	.....	.....	4
Swiss	.....	.....	.....	.....	4
Nigerian	.....	.....	.....	.....	3
Turkish	.....	.....	.....	.....	3
Brazilian	.....	.....	.....	.....	3
Roumanian	.....	.....	.....	.....	2
Bulgarian	.....	.....	.....	.....	2
Israeli	.....	.....	.....	.....	1
American	.....	.....	.....	.....	1
Irish	.....	.....	.....	.....	1
Canadian	.....	.....	.....	.....	1
Total					6,927

APPENDIX II

**Table showing the Ports from which came Vessels dealt with
on Arrival by the Medical Officers**

Port	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Abo	—	1	—	—	—	1	—	—	—	—	—	—	2
Antwerp	—	—	—	—	—	—	—	—	1	—	—	—	1
Australian Ports <i>via</i> Aden/Suez	—	2	1	2	3	4	1	—	1	—	—	—	14
Bergen	—	—	—	—	—	1	—	—	—	—	—	—	1
Bremen	—	1	—	—	—	—	—	—	—	—	—	1	2
Constanza <i>via</i> Oran/Algiers	1	—	—	—	—	—	2	1	—	—	—	—	4
East African ports	—	—	—	—	—	—	1	—	—	—	—	—	1
Foreign Fishing Grounds	—	—	1	—	—	—	1	—	—	—	—	—	2
Göteborg	—	—	—	—	—	—	1	—	—	—	—	—	1
Haifa	1	—	3	2	1	—	—	—	1	—	—	—	8
Hamburg	3	1	4	5	10	8	8	8	9	5	1	1	63
Helsingfors	—	—	—	—	—	—	—	1	—	—	—	—	1
Igarka	—	—	—	—	—	—	—	—	—	—	1	—	1
Indian ports <i>via</i> Aden/Suez	—	—	1	1	1	1	1	2	1	1	1	—	10
Istanbul <i>via</i> Ceuta	—	—	—	—	—	—	—	—	1	—	1	1	3
Italian Ports <i>via</i> Ceuta/ Oran	1	—	—	1	1	1	2	1	—	1	—	1	9
Kemi	—	—	—	—	—	1	—	—	—	—	—	—	1
Kotka.....	—	—	—	—	2	2	—	—	1	—	—	—	5
Mauritius	—	1	—	—	—	—	—	—	—	—	—	1	2
Mediterranean Ports/Ceuta	—	—	—	—	—	—	—	—	—	1	1	1	3
Mersin <i>via</i> Ceuta	—	—	1	—	—	—	—	—	—	—	—	—	1
Morphou Bay <i>via</i> Algiers	1	—	—	—	—	—	—	—	—	—	—	—	1
North African Ports	—	2	—	1	2	1	1	—	3	—	1	—	11
Novaya Zemlya	—	—	—	—	—	—	—	—	—	—	1	—	1
Carried forward	7	8	11	12	20	20	18	13	18	8	7	6	148

Port	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Brought forward	7	8	11	12	20	20	18	13	18	8	7	6	148
Novorossisk via Ceuta/ Algiers	—	—	1	—	—	—	—	—	—	—	1	—	2
Port Sudan	—	1	—	1	—	—	—	—	—	1	—	1	4
Rijeka via Ceuta	—	—	—	—	—	—	1	—	—	—	—	—	1
Rotterdam	7	7	10	9	8	12	18	22	18	11	8	9	139
South African Ports	—	—	1	—	1	—	—	—	—	—	—	—	2
South American Ports via Dakar	—	—	—	—	—	—	1	—	—	—	—	—	1
Spurn	—	—	1	—	—	—	—	—	—	—	—	—	1
Stavanger	1	—	—	—	—	—	—	—	—	—	—	—	1
Victoria B.C. West African Ports	—	—	—	—	—	—	—	—	—	—	—	1	1
Totals	17	19	25	25	31	33	40	36	38	20	16	20	320

APPENDIX III

STATEMENT SHOWING THE NUMBER OF ADMISSIONS TO HOSPITAL DURING 1961

<i>Date of Admission</i> 1961	<i>Disease</i>	<i>Rating</i>	<i>Name of Vessel</i>	<i>Where from</i>	<i>Date Discharged</i>
April, 12th	Tonsillitis	Deck Boy	s.s. "Rhodesia Star"	New Zealand Ports	April 26th, 1961
May 1st	Allergic Rash	Ordinary Seaman	m.v. "Kuutsalo"	Kotka	May 6th, 1961
May 4th	Gastro-enteritis	Passenger	m.v. "Bolton Abbey"	Rotterdam	May 9th, 1961
June 5th	Mumps and Orchitis	Fireman	s.s. "Yoma"	Rangoon	July 1st, 1961
June 12th	Infective Hepatitis	Seacunny	s.s. "Silverpoint"	Albany	July 19th, 1961
June 14th	Tonsillitis	Messroom Boy	s.s. "Bauta"	Kemi	June 26th, 1961
July 18th	Pneumonia	Fireman	s.s. "Jytte Paulin"	Leningrad	Aug. 12th, 1961
July 20th	Streptococcal Tonsillitis	Cook	s.s. "Hermes"	Zeebrugge	July 29th, 1961
July 2nd	Food Poisoning (Salmonella typhimurium)	1st Class Passenger	s.s. "Rollo"	Gothenborg	Transferred to Lodge Moor Hospital, Sheffield, July 25th 1961
August 10th	Gastro-enteritis	Greaser	m.v. "Beaverbank"	Suva	August 23rd, 1961
August 19th	(a) Broncho-pneumonia (b) Carcinoma of bronchus (c) Metastasis of liver	Seaman	s.s. "Port Hobart"	Australian Ports	Died October 6th, 1961
November 21st	Pulmonary Tuberculosis	Stowaway	s.s. "Chittagong City"	Chittagong	Still in Hospital
October 19th	Poliomyelitis	2nd Officer	m.v. "York"	Copenhagen	Died January 6th, 1962

APPENDIX IV VESSELS ON THEIR ARRIVAL ON WHICH CASES OF INFECTIOUS DISEASE EXISTED OR OCCURRED DURING THE VOYAGE

<i>Date</i>	<i>Name of Vessel</i>	<i>Where from</i>	<i>No. of Cases</i>	<i>Rating</i>	<i>How dealt with</i>
1961					
Dec. 10th	s.s. "Rapallo"	Mediterranean Ports	1	Fireman	Admitted to hospital at London
June 12th	m.v. "Silverpoint"	Albany	1	Seacunny	Admitted to Castle Hill Hospital, Cottingham
Feb. 20th	m.v. "Leeds"	Antwerp	3	INFLUENZA	Treated by private medical practitioners
Feb. 2nd	m.v. "Selby"	Antwerp	1	Motorman	Treated by private medical practitioner.
Mar. 2nd	m.t. "Magnolia"	Foreign Fishing Grounds	3	Crew	Suffered during the voyage
June 6th	m.v. "Robert L. Holt"	West African Ports	1	Writer	Suffered during the voyage
Apr. 3rd	m.v. "Melrose Abbey"	Rotterdam	1	Passenger	Proceeded home in care of parent
June 9th	m.v. "Dunera"	Bergen and Oslo	1	"	Proceeded home by ambulance
June 5th	s.s. "Yoma"	Rangoon	1	Fireman	Admitted to Castle Hill Hospital, Cottingham
Oct. 19th	m.v. "York"	Copenhagen	1	2nd Officer	Admitted to Castle Hill Hospital, Cottingham Died January 6th, 1962.
July 8th	s.s. "Jytte Paulin"	Leningrad	1	Fireman	Admitted to Castle Hill Hospital, Cottingham
Aug. 19th	m.v. "Port Hobart"	Australian Ports	1	Seaman	Admitted to Castle Hill Hospital, Cottingham Died October 6th, 1961
June 16th	m.v. "Redgate"	Amsterdam	1	Extra Deck Hand	Landed at Amsterdam
Sept. 10th	s.t. "Cape Mariato"	Nordfjord	1	Deck Hand	Admitted to Castle Hill Hospital, Cottingham
Nov. 21st	s.s. "Chittagong City"	Chittagong	1	Stowaway	Admitted to Castle Hill Hospital, Cottingham

(a) DEFECTS OF ORIGINAL CONSTRUCTION**BRITISH****VENTILATION :—**

			No. of defects	Remedied
Unventilated	W.C. compartment	.....	1	—
„	drying room	.....	1	1
			—	—
			2	1
			—	—

FOREIGN**VENTILATION :—**

			No. of defects	Remedied
Unventilated	W.C. compartments	.....	71	—
„	cabins	.....	69	—
„	wash places	.....	67	—
„	combined W.C. and			
	washplace	.....	31	—
„	messrooms	.....	25	—
„	shower compartments	.....	22	—
„	galley-messrooms	.....	16	—
„	pail closet compartments		7	—
„	forecastles.....	.....	3	—
„	galleys	.....	2	—
„	hospital	.....	1	—
„	cabin hospital	.....	1	—

WATER CLOSETS :—

W.C.s without water supply		18	—
----------------------------	-------	----	---

CREW'S QUARTERS :—

No heating to cabins	.....	11	—
		—	—
		344	Nil
		—	—

(b) STRUCTURAL DEFECTS THROUGH WEAR AND TEAR**BRITISH**

			No. of defects	Remedied
Defective	W.C.s and fittings	.....	19	19
,,	radiators and fittings	.....	9	9
,,	ventilators	.....	8	8
,,	treads to companionway	.....	5	5
,,	chairs	.....	4	4
,,	and choked scuppers	.....	4	4
,,	food lockers	.....	4	4
,,	heating systems	.....	3	3
,,	hot and cold water supply	.....	3	1
,,	showers	.....	2	2
,,	flooring	.....	1	1
,,	door	.....	1	1
,,	stove	.....	1	1
,,	side port	.....	1	1
,,	and leaky overhead deck	.....	1	1
,,	waste pipe	.....	1	1
,,	geyser	.....	1	—
,,	meat safe	.....	1	1
,,	defective sheathing	.....	1	1
			—	—
			70	67
			—	—

FOREIGN

			No. of defects	Remedied
Defective	W.C.s and fittings	.....	6	3
,,	radiators	.....	2	2
			—	—
			8	5
			—	—

APPENDIX V
(c) DIRT, VERMIN AND OTHER CONDITIONS PREJUDICIAL
TO HEALTH

BRITISH

	No. of defects	Remedied
Dirty condition of cabins	214	214
" " messrooms	54	54
" " W.C. compartments	36	34
" " washplaces	34	34
" " forecastles	9	9
" " pantries.....	3	3
" " companionways	3	3
" " alleyways	2	2
" " storerooms	2	2
" " refrigerators	2	2
" " drying rooms	2	—
" " galley	1	1
Compartments showing signs of Rat/Mice Infestation :—		
Accommodation	3	1
Storeroom	1	1
Galley	1	—
Verminous conditions of cabins	152	128
" " messrooms	28	24
" " pantries	12	11
" " galleys	9	8
" " storerooms	8	7
" " washplaces	4	1
" " forecastles.....	3	3
" " W.C. compartments	3	—
" " galley/bakery	2	2
" " recreation rooms	2	2
" " saloons	2	1
" " bakery	1	1
" " refrigerator hand-		
ling room	1	1
" " alleyway	1	1
" " bread locker	1	1
" " potato locker	1	1
Compartments requiring painting :—		
Cabins	29	29
W.C. compartments	4	4
Washplaces	4	4
Messrooms	3	3
Companionways	2	2
Insanitary condition of galley refuse	14	14
Misappropriation of crew spaces :—		
Oilskin locker used as a storeroom	1	1
Dirty clothes lockers used as storeroom	3	3
Drying room used as a storeroom	1	1
	658	613

FOREIGN

	No. of defects	Remedied
Dirty condition of messrooms	3	3
„ „ washplaces	3	3
„ „ W.C. compartments	4	4
Compartments showing signs of Rat/Mice Infestation :—		
Accommodation	1	—
Verminous condition of cabins	6	6
„ „ messrooms	2	2
„ „ pantry	1	1
„ „ storeroom	1	1
Insanitary condition of galley refuse	3	3
	24	23

(d) DEFECTS ARISING FROM STRUCTURAL ALTERATIONS
BRITISH

VENTILATION :—

	No. of defects	Remedied
Unventilated W.C. compartments	5	—
„ washplaces	2	—
	7	Nil

FOREIGN

VENTILATION :—

	No. of defects	Remedied
Unventilated cabins	17	—
„ washplaces	17	—
„ messrooms	9	—
„ W.C. compartments	8	—
„ galley-messrooms	6	—
„ combined W.C.s and washplaces	4	—
„ pail closet compartments	1	—
„ galley	1	—
„ shower	1	—
„ pantry	1	—
WATER CLOSETS :—		
W.C.s without water supply	3	—
CREWS' QUARTERS :—		
No heating to cabins	5	—
	73	Nil

Printed by
Thos. Cavill & Son, Ltd.
Terry Street, Hull.
